Memo

To: Sherry L. Sullivan, Langley Research Center Awards Officer

From: Dianne L. Cheek

CC:

Date: 5/4/2001

Re: Letters of Endorsement for NASA TechTracS

The enclosed four letters of endorsement support the NASA TechTracS Software of the Year application. The following gives a brief description of each.

1. Memo from Code R Associate Administrator concerning Commercial Technology Inventory and providing the web site address to be used for collection of information. This web site is served from NASA TechTracS.
2. Memo from Code R Associate Administrator confirming the establishment of NASA TechTracS as the Agency's commercial technology management system.
3. Memo from Code RC Director confirming the improvements that have been made to NASA TechTracS offer significant effectiveness and efficiency benefits to the day-to-day operations of each Center Commercial Technology Office.
4. Memo from Dryden Flight Research Center Technical Information Specialist, as a daily user of NASA TechTracS, Ms. Kellogg provides a positive endorsement of both the system and the Agency support team.

National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001

Reply to Attn of:

SEP 10 1997

RW

TO: Officials-in-Charge of Headquarters Offices
Directors, NASA Field Installations
Director, Jet Propulsion Laboratory

FROM: R/Associate Administrator for Aeronautics
and Space Transportation Technology

SUBJECT: Commercial Technology Inventory

I have enclosed the results of our FY1996 commercial technology inventory which I recently transmitted to the Deputy Administrator as required by the National Performance Review, our Agenda for Change, and his June 1995 request. This is the second of such reports.

Maintaining a timely and complete inventory is essential to the success of NASA's commercial technology mission. Basically the commercial technology inventory develops and maintains complete and timely information that identifies those NASA assets (programs, technologies, expertise and facilities) with commercial potential; supports the general and focused marketing of these assets into partnerships; and tracks and monitors the partnership activities to identify and evaluate success stories. Successfully implementing the inventory and the commercial technology process is a team effort between each Center's commercial technology staff, program managers/COTRs, technology innovators, and contractors/grantees.

Over the last year we have continued to make significant progress in the commercial technology inventory. Specifically we have:

- increased the percent of NASA's programs assessed from 73 percent to 85 percent --an 18 percent improvement
- increased the percent of programs with commercial potential from 19 percent to 45 percent --a 136 percent increase
- increased our overall technology inventory from 17,000 to 30,000 technologies—a 76 percent improvement

- increased our number of "active technologies" from 3500 to over 4700—a 35 percent increase
- increased the number of contracts/grants reporting at least one new technology from 2.8 percent to 6.3 percent
- made approximately 80 percent of these technologies available to the public through ***TechFinder***-- a single-stop, NASAwide electronic gateway that is generating leads for potential partnerships and success stories
- invested approximately $394M of FY1996 resources in over 3200 partnerships. NASA has invested approximately $1.6B cumulatively to date in these active partnerships
- identified and reported over 90 success stories
- developed and issued over 5000 copies of a first-ever multimedia commercial technology
  CD-ROM: ***NASA Solutions—Sharing Aerospace Technology with America***
- developed and conducted commercial technology training courses for program managers and COTRs
- established an Agencywide TechTracS Configuration Management Team

The NASA Commercial Technology Management Team (NCTMT), each Center's commercial technology office, and NASA's program managers/COTRs are to be congratulated for their performance and continuing support. Notwithstanding the tremendous progress we have made in the commercial technology inventory, we recognize that continuous improvement is important to the overall success of NASA's Commercial Technology mission. The next steps we plan to take subject to available resources are discussed in the last section of this enclosure. A Web page at **http://techtracs.hq.nasa.gov** has been established to assist each Centers' program managers and COTRs update their FY 1997 inventory. Each Centers' Commercial Technology Office has established a unique password for their Center.

Given the upcoming budget discussions that NASA is preparing for, I cannot overemphasize the importance of NASA continuing to demonstrate its contribution to the Nation's economic competitiveness and security. It is extremely important that each Center's Commercial Technology Office continue to receive support for this critical activity. Thank you for your cooperation.

Robert E. Whitehead

Enclosure

National Aeronautics and
Space Administration

Headquarters
Washington, DC 20546-0001

RW

NOV - 4 1997

TO: AD/Deputy Administrator

FROM: R/Associate Administrator for Aeronautics and Space Transportation Technology

SUBJECT: *NASATechTracS* Progress

Last October, Dr. Robert Norwood briefed NASA's Technology Tracking System (*NASATechTracS*) and its potential uses to the Senior Management Council. I am pleased to inform you that we have made significant progress since that meeting; culminating in establishing *NASATechTracS* as the Agencywide commercial technology management system. Currently *NASATechTracS* core modules support:

- the identification, assessment, and tracking of those NASA programs with commercial potential;
- the identification, assessment, and tracking of specific new technologies and innovations;
- NASA's patenting and licensing process;
- the marketing of NASA's technologies into partnership activities;
- success story collection and reporting; and
- metrics development and reporting.

Two of the most significant accomplishments have been the establishment of:

- an Agencywide *NASATechTracS* Configuration Management Team and
- a *NASATechTracS* Agencywide support task managed by Langley Research Center (LaRC).

The Configuration Management Team (CMT) is responsible for assessing proposed modifications to *NASATechTracS*, determining what modifications will be made to *NASATechTracS*, and prioritizing requirements. Each Field Center, NASA HQ, and JPL has voting representation on the team. Each team member is responsible for coordinating any activities occurring at their Center that concerns *NASATechTracS*. Establishing a single *NASATechTracS* support task creates an efficient vehicle for directly supporting the Configuration Management Team and delivering the core *NASATechTracS* capabilities to each of the Centers. By locating the support task at LaRC, we also believe we will achieve a closer integration with the agency's Scientific and Technical Information (STI) program which was recently moved to LaRC.

Up until now *NASATechTracS* has focused on satisfying the immediate needs of each Center's Commercial Technology Office. For example we are improving the patenting/licensing module in order to better support the Agency's increased emphasis in that area. In the future, *NASATechTracS* will add modules for identifying and managing the commercial potential of each Centers' expertise and facilities. As we involve program managers, COTRs, and contractors more directly in the commercial technology process, we will further enhance *NASATechTracS*--providing those users with an effective commercial technology management tool. Initially, we will focus on utilizing *NASATechTracS* in the day-to day management of our SBIR/STTR programs.

Also, enclosed is the 1997 edition of our CD-ROM--***NASA Solutions.*** *NASATechTracS* makes it possible to produce the CD-ROM at a low cost. Our initial version was demonstrated at the Senior Management Council briefing discussed above. Over 5,000 copies have been distributed to date.

As you can see, *NASATechTracS* has made, and will continue to make, significant progress. Dr. Norwood would be glad to brief the Senior Management Council on our recent accomplishments and future plans for *NASATechTracS*.

Robert E. Whitehead

Enclosure

cc:
Officials-in-Charge of Headquarters Offices:
AT/Mr. Mott
AE/Dr. Mulville
AF/Mr. Venneri
AO/Mr. West
B/Mr. Holz
C/Mr. Christensen
E/Mr. Reese
F/Gen. Armstrong
G/Mr. Frankle
H/Ms.Lee
I/Mr. Schumacher
J/Ms. Cooper
K/Mr. Thomas
L/Mr. Heffernan (Acting)
M/Mr. Trafton
P/Ms. Wilhide
Q/Mr. Gregory
R/Dr. Whitehead
S/Dr. Huntress
U/Dr. Nicogossian (Acting)
W/Ms. Gross
Y/Mr. Townsend (Acting)
Z/Mr. Ladwig

F2100

National Aeronautics and
Space Administration
Headquarters
Washington, DC 20546-0001

Reply to Attn of: RC

Director

OCT 20 2000

TO: Distribution

FROM: RC/Director, Commercial Technology

SUBJECT: Recognition of NTTS Sub-team

I would like to take this opportunity to express my appreciation to the NCTMT's NASATechTracS (NTTS) Sub-team for their outstanding and sustained efforts in continuing to evolve and improve NTTS. Enclosure A lists the NTTS sub-team members. Each of them should be proud of their accomplishments.

In particular I would like to thank Ms. Dianne Cheek for her invaluable contributions as the agency-wide NTTS team leader and project manager. I think we can all agree on the tremendous progress the team and NTTS have made under Dianne's leadership for the past 4 years.

I also think we can agree on the exciting potential of the latest NTTS module—the Knowledge Integration and Management System (KIMS). KIMS will be an extremely important management tool as NASA implements it's recently issued technology commercialization policy NPD-7500.2 and its soon to be issued companion process document NPG 7500.2. In particular I believe KIMS will allow NASA programs and projects to more proactively manage their technology commercialization activities and clearly communicate to the public--NASA's wide spread impact on the nation's economic competitiveness and quality of life. KIMS will also facilitate a closer integration with NASA's technology inventory activity.

Finally, as demonstrated at our last NCTMT meeting, new features and capabilities recently available in NTTS offer significant effectiveness and efficiency benefits to the day-to-day operations of each center's Commercial Technology Office (CTO). I expect each CTO to take full advantage of these new capabilities so as to obtain the maximum leverage from NASA's investment in NTTS. Again my appreciation to Dianne and the NTTS sub-team for their contributions.

Rec ltr. from for Morello

Sincerely,

Robert L. Norwood

Robert Norwood

ACTION _____

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National Aeronautics and
Space Administration

Dryden Flight Research Center
P.O. Box 273
Edwards, California 93523-0273

Reply to Attn of: T/YK

April 26, 2001

TO: Chief Engineer/Inventions and Contributions Board (ICB)

FROM: Dryden Technical Information Specialist, Yvonne Kellogg

SUBJECT: Commendation for NASA TechTracS Team

I would like to commend NASA's TechTracS Team for their exceptional performance in developing, maintaining, and supporting the TechTracS database.

I have used TechTracS for approximately six years, during which the program has evolved into the most comprehensive and useful tool available for technology transfer and commercialization. I use TechTracS to keep track of Dryden's innovations, technical papers, intellectual property, success stories, technology opportunity sheets, SBIRs, contracts, grants, and many other metrics. This database has proven so useful that I no longer need to use other programs.

The team is highly skilled and knowledgeable, as well as infinitely patient as they deal with ten NASA Centers' ten different ways of collecting data. Their flexibility is truly an asset and is reflected in how the metrics are collected and measured by NASA Headquarters.

The TechTracS database is the one clearing house for all technology commercialization data manufactured by NASA Centers. At Dryden, I use TechTracS daily, and have yet to use all of the functions the team has developed. I look forward to using KIMS and entre and more of the ever-evolving TechTracS itself.

My sincere thanks to the NASA TechTracS Team for all their efforts and I support a NASA Space Act Award for the team whole-heartedly.

Yvonne Kellogg